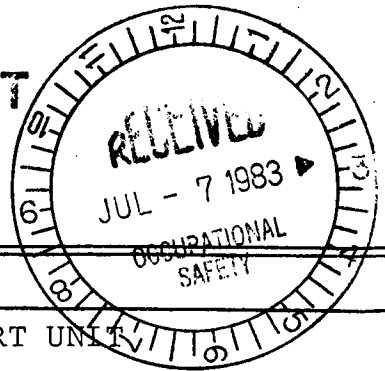


MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)



DATE OF PREP
JULY 30, 1980

Section I

MANUFACTURER'S NAME BOSTIK WEST, DIV. OF USM CORPORATION, AN EMHART UNIT
STREET ADDRESS 20846 So. Normandie Ave. CITY, STATE, AND ZIP CODE Torrance, Ca. 90502
EMERGENCY TELEPHONE NO. (213) 320-6800

PRODUCT CLASS EPOXY
DPM 116-508 WHITE GLOSS
TRADE NAME BOSTIK

MANUFACTURERS CODE IDENTIFICATION 443-3-R66
Catalyst: X-304
Mix Ratio: Mix 3 parts 443-3-R66 (Base to 1 part X-304 by volume

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT (Wt %)	TLV		LEL	VAPOR PRESSURE mm Hg.
		PPM	mg/M ³		
443-3-R66 (BASE ONLY)					
KETONE SOLVENTS	25-30	25-200		1.2	70.0
AROMATIC SOLVENTS	10-15	100		1.0	22.0
GLYCOL ETHER SOLVENTS	< 5.0	50		1.1	1.0
ALCOHOL SOLVENTS	< 1.0	100		1.7	4.0

Section III - PHYSICAL DATA

BOILING RANGE 176-340 Deg. F. VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER, THAN AIR
EVAPORATION RATE ☐ FASTER ☒ SLOWER, THAN ETHER PERCENT VOLATILE BY VOLUME 62% WEIGHT PER GALLON 9.9 lbs.

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Red label, Flammable (Min) FLASH POINT 23 Deg. F. Tag Closed LEL 1.0
Cup

EXTINGUISHING MEDIA Exclude air - Use foam, CO₂, steam, water-fog, dry chemicals. Do not use water.

UNUSUAL FIRE AND EXPLOSION HAZARDS Vapor forms explosive mixture with air between upper and lower explosion limits.

SPECIAL FIRE FIGHTING PROCEDURES Do not use water, exclude air, use water spray to cool fire exposed surfaces and to protect personnel.

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Headache, nausea, dizziness. Breathing vapor will be irritating to nose, throat, and eyes.

EMERGENCY AND FIRST AID PROCEDURES Skin Exposure: Wash affected area with soap and water.

Eye Exposure: Flush with water for at least 15 minutes, consult physician.

Ingestion: Consult physician immediately.

Inhalation: Remove victim to fresh air, consult physician.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents. Storage at high temperatures

HAZARDOUS DECOMPOSITION PRODUCTS Sparks & open flame.

CO, CO₂, Aldehydes and other organics, oxides of nitrogen.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate sources of ignition and clear fumes from area. Prevent liquid from entering sewers, water courses, or low areas.

Keep unnecessary personnel away. Shut off source, if possible to do so without hazard.

Contain spilled liquid with sawdust, sand or oil absorbing compound. Wash area with detergent & water. Consult disposal expert & ensure conformity with local regulations.

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION Use approved respiratory protection such as an air-supplied mask if used in non ventilated area.

Mechanical: Explosion-proof ventilation equipment. No smoking or open lights.

VENTILATION Face velocity > 60 fpm in confined area.

PROTECTIVE GLOVES Chemically resistant gloves


EYE PROTECTION Chemical splash goggles or face shield

OTHER PROTECTIVE EQUIPMENT Eye bath & safety shower.

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep containers closed when not in use. Do not handle or store near flame, heat or strong oxidants. Adequate ventilation required. Containers of this product may be hazardous when emptied - - these containers retain product residues (vapor, liquid, etc.)

Other precautions All handling equipment should be electrically grounded. Treat as a very flammable liquid.


Kenneth J. Silberberg
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BOE-C6-0208121